



Mologic and Alamar Biosciences collaborate to develop a next generation COVID-19 antigen test

- *Mologic leverages Alamar's ultra-high affinity antibodies for SARS-CoV-2 diagnostics*
- *Partnership will facilitate rapid responses to future pandemics*

Bedfordshire, UK and Fremont, CA, US - 4 May 2022 – Alamar Biosciences (Alamar), a platform company focused on transforming the field of proteomics to enable the early detection of cancer and other diseases, and Mologic, Ltd. (Mologic), part of the recently formed social enterprise Global Access Health and a leading developer of lateral flow and rapid diagnostic tests (RDTs), today announced a collaboration to utilize Alamar's novel antibodies against SARS-CoV-2 Nucleocapsid (N) protein for Mologic's future COVID-19 RDTs.

Easy-to-use and cost-effective RDTs are a key tool for controlling the spread of COVID-19, including in low resource settings. Mologic has already launched a COVID-19 antigen test ("COVIOS" for personal self-testing) based on its lateral flow assay technology, utilizing high affinity, paired antibodies specific for the SARS-CoV-2 nucleoprotein antigen. Second generation tests with even greater sensitivity are now in development leveraging the latest generation of engineered antibodies with ultra-high affinity, discovered through Alamar's proprietary Attobody™ platform, together with Mologic's novel electronic lateral flow immunoassay (eLFIA) technology.

Professor Paul Davis, Chief Scientific Officer & Co-Founder of Mologic, said "We are very pleased with the increased sensitivity attainable with Alamar antibodies, especially in view of the speed with which they can be developed. We look forward to continuing our collaboration to create the road map for unprecedented speed of response to new pandemic threats of whatever origin. Fast-track discovery and deployment of antibodies with the highest possible affinity and specificity will be the central pillar of this new Pandemic Preparedness, very much aligning with Mologic's mission to better enable humanity to cope with the long-term presence of COVID-19."

Dr. Yuling Luo, Founder, Chairman & CEO of Alamar, commented: "Rapid and highly sensitive COVID-19 detection will remain an essential global health challenge in the coming years, and we must learn from the global COVID-19 experience to ensure a better, robust Pandemic Preparedness. We are excited to continue working with Mologic to meet these needs."

Alamar's proprietary Attobody™ platform produces a highly diverse pool of antibodies with single digit picomolar affinity and exquisite specificity. Compared to traditional antibody engineering, the Attobody platform deploys an accelerated antibody design and engineering process to generate novel antibodies without the need for affinity maturation.

About Alamar Biosciences, Inc.

Alamar Biosciences is a privately held life sciences company with a mission to transform the field of proteomics to enable the early detection of cancer and other diseases. The company's two proprietary technology platforms, NULISA™ and Attobody™, work seamlessly with the latest

advances in genomics to achieve single-digit attomolar detection sensitivity, greatly surpassing the most sensitive protein detection technology on the market today. The Attobodies have picomolar affinity and built-in high specificity and have the potential to expand antibody therapeutics to many targets intractable with conventional antibodies. For more information, please visit <http://www.alamarbio.com>.

For media queries, contact:

Joe Barco

VP Marketing

jbarco@alamarbio.com

About Mologic, Ltd.

Mologic is a leading developer of advanced lateral flow and rapid diagnostic technologies. Leveraging its core technology platforms, the Company is structured as a social enterprise, working with international organizations across many disease targets, to help deliver fast, reliable and affordable diagnostics globally, at the point-of-care. The creativity, insight and knowledge that led to the first ground-breaking testing inventions in pregnancy and women's health have guided Mologic since its formation in 2003, underpinning many of the organization's existing and future innovations.

Mologic is headquartered in Bedford in the United Kingdom and has a US subsidiary, Mologic Inc. situated in New Gloucester, Maine (<https://mologic.co.uk/>).

For media queries, contact:

Sarah Jeffery, Zyme Communications

+44 (0)7771 730919

sarah.jeffery@zymecommunications.com